

Swarm vs Swarm Aerial Challenge



On February 9th in the skies over the CANG's
Camp Roberts Maneuver Training Center...

A UAS swarm using behaviors developed at the

Naval Postgraduate School

will engage a swarm using behaviors developed at the

Georgia Tech Research Institute

in the worlds first autonomous "dogfight" between UAS
swarms.

Government and military personnel are welcome to attend this
event by registering to attend the Joint Interagency Field
Experimentation (JIFX) event at www.nps.edu/fx or email
jifx@nps.edu .

Lectures explaining the science behind this experiment,
challenges posed by swarms in the near future, and counter
UAS developments will be conducted leading up to the event.



A R S E N A L

Advanced Robotic Systems
Engineering Laboratory



Note – This event is part of an active research project and the JIFX 17-2 event. While the target date is the 9th weather or other reasons may result in the battle moving back to the 10th. This research supported by the Marine Corps Warfighting Laboratory, the Office of Naval Research, and CRUSER.



JIFX

Joint Interagency Field Experimentation

Event Schedule



- 0730 Venue Opens
- 0800 Experimentation Begins
- 0900 Welcome & Introductions
- 1000 Swarm Vs Swarm Challenge
 - Dr. Timothy Chung
 - Dr. Ray Buettnner
- 1200 Lunch
- 1300 Aerial Combat
- 1400 Post Event Discussion
 - Dr. Ray Buettnner
- 1500 Wrap Up & Hot Wash
- 1800 Venue Closes